

Title (en)
VIRUS FOR TREATING TUMORS

Title (de)
VIRUS ZUR BEHANDLUNG VON TUMOREN

Title (fr)
VIRUS DE TRAITEMENT DE TUMEURS

Publication
EP 3656854 A4 20210428 (EN)

Application
EP 18835927 A 20180718

Priority
• CN 201710600732 A 20170721
• CN 2018096100 W 20180718

Abstract (en)
[origin: EP3656854A1] Provided are an enterovirus D68 (EV-D68) or a modified form thereof, or a nucleic acid molecule comprising a genomic sequence or cDNA sequence of the EV-D68 or a modified form thereof, or a complementary sequence of the genomic sequence or cDNA sequence, or a pharmaceutical composition comprising the EV-D68 or a modified form thereof, or the nucleic acid molecule, and use of the EV-D68 or a modified form thereof, or the nucleic acid molecule in the manufacture of a pharmaceutical composition for treating a tumor.

IPC 8 full level
C12N 7/00 (2006.01); **A61K 35/76** (2015.01); **A61K 35/768** (2015.01); **A61P 35/00** (2006.01); **C12N 15/11** (2006.01)

CPC (source: CN EP KR US)
A61K 35/76 (2013.01 - KR); **A61K 35/765** (2013.01 - CN KR); **A61K 35/768** (2013.01 - EP US); **A61K 48/00** (2013.01 - EP KR); **A61K 48/005** (2013.01 - CN KR); **A61P 35/00** (2018.01 - EP US); **C12N 7/00** (2013.01 - CN EP KR US); **C12N 15/11** (2013.01 - EP KR); **C12N 15/86** (2013.01 - US); **A61K 48/00** (2013.01 - US); **A61P 35/00** (2018.01 - KR); **C07K 14/535** (2013.01 - US); **C07K 16/2818** (2013.01 - US); **C07K 2317/622** (2013.01 - US); **C12N 15/113** (2013.01 - US); **C12N 2310/141** (2013.01 - US); **C12N 2770/32321** (2013.01 - CN EP US); **C12N 2770/32332** (2013.01 - EP US); **C12N 2770/32333** (2013.01 - KR); **C12N 2770/32343** (2013.01 - US); **C12N 2770/32371** (2013.01 - US); **Y02A 50/30** (2018.01 - EP)

Citation (search report)
• [X] US 2016312314 A1 20161027 - STORCH GREGORY A [US], et al
• [Y] WO 2015007788 A1 20150122 - SIA LATIMA [LV]
• [Y] WO 2016044656 A1 20160324 - ANSUN BIOPHARMA INC [US]
• [X] ZHANG TIE GANG ET AL: "The Genomic Characterization of Enterovirus D68 from 2011 to 2015 in Beijing, China", BIOMEDICAL AND ENVIRONMENTAL SCIENCES, 1 September 2016 (2016-09-01), Netherlands, pages 675 - 677, XP055785724, Retrieved from the Internet <URL:https://pubmed.ncbi.nlm.nih.gov/27806749/> [retrieved on 20210315], DOI: 10.3967/bes2016.089
• [Y] CHUMAKOV P M ET AL: "Oncolytic enteroviruses", MOLECULAR BIOLOGY, KLUWER ACADEMIC PUBLISHERS-PLENUM PUBLISHERS, NE, vol. 46, no. 5, 9 October 2012 (2012-10-09), pages 639 - 650, XP035122625, ISSN: 1608-3245, DOI: 10.1134/S0026893312050032
• [A] EMILY JANE BEK ET AL: "The Pathogenesis and Prevention of Encephalitis due to Human Enterovirus 71", CURRENT INFECTIOUS DISEASE REPORTS, CURRENT SCIENCE INC, NEW YORK, vol. 14, no. 4, 26 May 2012 (2012-05-26), pages 397 - 407, XP035079523, ISSN: 1534-3146, DOI: 10.1007/S11908-012-0267-3
• [A] HUANG YUAN-PIN ET AL: "Molecular and epidemiological study of enterovirus D68 in Taiwan", JOURNAL OF MICROBIOLOGY, IMMUNOLOGY AND INFECTION, ELSEVIER, AMSTERDAM, NL, vol. 50, no. 4, 18 September 2015 (2015-09-18), pages 411 - 417, XP085167237, ISSN: 1684-1182, DOI: 10.1016/J.JMII.2015.07.015
• See also references of WO 2019015601A1

Designated contracting state (EPC)
AL AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HR HU IE IS IT LI LT LU LV MC MK MT NL NO PL PT RO RS SE SI SK SM TR

DOCDB simple family (publication)
EP 3656854 A1 20200527; EP 3656854 A4 20210428; AU 2018303064 A1 20200305; CA 3070628 A1 20190124; CN 109276580 A 20190129; CN 109276580 B 20210824; CN 110996980 A 20200410; CN 110996980 B 20220607; JP 2020528890 A 20201001; JP 7144915 B2 20220930; KR 102566552 B1 20230810; KR 20200045477 A 20200504; US 11793844 B2 20231024; US 2020254036 A1 20200813; WO 2019015601 A1 20190124

DOCDB simple family (application)
EP 18835927 A 20180718; AU 2018303064 A 20180718; CA 3070628 A 20180718; CN 201710600732 A 20170721; CN 2018096100 W 20180718; CN 201880048812 A 20180718; JP 2020503013 A 20180718; KR 20207005067 A 20180718; US 201816632741 A 20180718